

Substitute for form 1449A/PTO and/or 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)



Complete if Known

Application Number	09/974,798
Filing Date	October 12, 2001
First Named Inventor	Heath
Group Art Unit	1623
Examiner Name	Devesh Khare

Sheet 1 of 1

Attorney Docket No: 17094.002US1

US PATENT DOCUMENTS

Examiner Initials *	US Document Number	Publication Date	Name of Patentee/Applicant of Document
JK	5,637,687	06/10/1997	Wiggins
	6,037,465	03/14/2000	Hillebrand et al.
	2004/0019196	01/29/2004	Bair et al.
MM	2005/0032105	02/10/2005	Bair et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document Number (include country code)	Publication Date	Translation (Abstract Only or Full Translation, if applicable)
JK	2004/094635	11/04/2004	
MM	EP 0 818 461	01/14/1998	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Include last name of the first author (in CAPITAL letters), "Title of the Article", Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).
	CRC Handbook of Chemistry and Physics, 62 nd Edition, CRC Press, Boca Raton, Florida. D-96, B-75, B-91, B-113, B-132, B-147 (1981-1982). <i>Not available.</i>
JK	"Kosmotropes and chaotropes", http://www.lsbu.ac.uk/water/kosmos.html , printed 8/18/2004.
JK	Galinski et al., "The kosmotropic (structure-forming) effect of compensatory solutes", <u>Comp. Biochem. Physiol.</u> , 117A(3), 357-365 (1997).
JK	Lever et al., "Some ways of looking at compensatory kosmotropes and different water environments", <u>Comp Biochem Physiol A Mol Integr Physiol.</u> , 130, 471-486 (2001).
JK	Macfarlane et al., "Isolating RNA from clinical samples with Catrimox-14 and lithium chloride", <u>J Clin Lab Anal.</u> , 11, 132-139 (1997).
JK	Washabaugh et al., "The systematic characterization by aqueous column chromatography of solutes which affect protein stability", <u>J Biol Chem.</u> , 261, 12477-12485 (1986).

EXAMINER

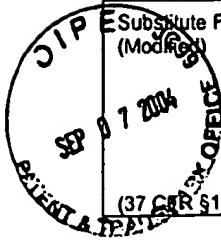
JK

DATE CONSIDERED

8/10/06

Substitute Information Disclosure Statement Form (PTO-1446)

* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 809. Draw line through citation if not considered. Include copy of this form with next communication to Applicants.


 Substitute Form PTO-1449
 (Modified)

 U.S. Department of Commerce
 Patent and Trademark Office

 Attorney's Docket No.
 17094-002001

 Application No.
 09/974,798

**Information Disclosure Statement
 by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

 Applicant
 Ellen M. Heath et al.

 Filing Date
 October 12, 2001

 Group Art Unit
 1623

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	41,332	01/19/1864	Washburn	Not Considered	Washing machine	Washing machine
AK	AB	4,483,920	11/20/84	Gillespie et al.	—	—	
	AC	4,843,155	06/27/89	Chomczynski	—	—	
	AD	5,010,183	04/23/91	Macfarlane	—	—	
	AE	5,057,426	10/15/91	Henco et al.	—	—	
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	AG	5,234,809	08/10/93	Boom et al.	—	—	
	AH	5,346,994	09/13/94	Chomczynski	—	—	
	AI	5,405,951	04/11/95	Woodard	—	—	
	AJ	5,599,667	02/04/97	Arnold, Jr. et al.	—	—	
	AK	5,728,822	03/17/98	Macfarlane	—	—	
	AL	5,939,259	08/17/99	Harvey et al.	—	—	
	AM	5,945,515	08/31/99	Chomczynski	—	—	
	AN	5,958,677	09/28/99	Lee et al.	—	—	
	AO	5,972,613	10/26/99	Somack et al.	—	—	
	AP	5,973,137	10/26/99	Heath	—	—	
	AQ	5,985,572	11/16/99	Macfarlane	—	—	
	AR	5,990,302	11/23/99	Kuroita et al.	—	—	
	AS	6,204,375	03/20/01	Lader	—	—	
	AT	6,218,531	04/17/01	Ekenberg	—	—	
	AU	6,465,639	10/15/02	van Gemen et al.	—	—	
	AV	6,528,641	03/04/03	Lader	—	—	
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AK	AX	2002/0001812	01/03/02	Smith et al.	—	—	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Examiner Signature

Heath

Date Considered

8/10/06

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified 12/99) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17094-002001	Application No. 09/974,798
	Applicant Ellen M. Heath et al.		
	Filing Date October 12, 2001	Group Art Unit 1623	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
uk	AY	WO 92/07863	05/14/92	PCT	—	—		
	AZ	WO 95/01359	01/12/95	PCT	—	—		
	AAA	WO 95/02049	01/19/95	PCT	—	—		
	ABB	WO 95/34569	12/21/95	PCT	—	—		
on	ACC	WO 96/18731	06/20/96	PCT	—	—		

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
uk	ADD	Technical Bulletin #160: The Use of LiCl Precipitation for RNA Purification, 2003, Ambion Website @ http://www.ambion.com/techlib/tb/tb_160.html
	AEE	Ahmad, "Free Energy Changes in Ribonuclease A Denaturation," <i>J. Biol. Chem.</i> , 1983, 258(18):11143-11146
	AFF	Ahmad, "Free Energy Changes in Denaturation of Ribonuclease A by Mixed Denaturants," <i>J. Biol. Chem.</i> , 1984, 259(7):4183-4186
	AGG	Bugos et al., "RNA Isolation from Plant Tissues Recalcitrant to Extraction in Guanidine," <i>BioTechniques</i> , 1995, 19:734-737
	AHH	Chomczynski and Sacchi, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," <i>Anal. Biochem.</i> , 1987, 162:156-159
	AII	Collins, "Sticky ions in biological systems," <i>Proc. Natl. Acad. Sci. USA</i> , 1995, 92:5553-5557
	AJJ	Cox and Smulian, "A single-step procedure for the isolation of individual mRNA species from crude lysates of <i>Physarum polycephalum</i> ," <i>FEBS Letters</i> , 1983, 155:73-80
	AKK	Dahle and Macfarlane, "Isolation of RNA from Cells in Culture Using Catrimox-14 TM Cationic Surfactant," <i>BioTechniques</i> , 1993, 15:1102-1105
	ALL	Hofmeister, "On the theory of the effects of salts," <i>Arch. Exp. Pathol. Pharmacol.</i> , 1888, 247-260
	AMM	Kazakov, "Nucleic Acid Binding and Catalysis by Metal Ions," <i>Bioorganic Chemistry: Nucleic Acids</i> , 1996, Chapter 9, pp. 244-477
	ANN	Krawetz et al., "Isolation and fractionation of total nucleic acids from tissues and cells," <i>J. Biochem. Biophys. Meth.</i> , 1986, 12:29-36
	AOO	Sambrook, "Concentrating Nucleic Acids: Precipitation with Ethanol or Isopropanol," <i>Molecular Cloning: A Laboratory Manual</i> , 1989, Vol. 3, 2 nd edition, Cold Spring Harbor, pp. E10 and E15
	APP	Witchel et al., "Milligram Quantity Preparation of RNA from a Marine Invertebrate with a High Fluid Content," <i>BioTechniques</i> , 1996, 21:1024-1026
on	AQQ	Wiggins, "High and Low Density Intracellular Water," <i>Cellular and Molecular Biology</i> , 2001, 47:735-744

Examiner Signature <i>uk</i>	Date Considered 8/10/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	